



User: Jacob Larson
Analysis ID: 126807

Tank ID: 49189

Date: 02.07.2021

Base elements	Value	Ideal value	Difference	Status
Salinity	30.21 PSU	35.00 PSU	-4.79 PSU	✖

Carbonate hardness	5.84 °dKH	7.50 °dKH	-1.66 °dKH	✖
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Major elements	Value	Ideal value	Difference	Status
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Chloride	16993 mg/l	16821 mg/l	+171.9 mg/l	✓
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Sodium	9250 mg/l	9345 mg/l	-95.05 mg/l	✓
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Magnesium	1295 mg/l	1117 mg/l	+177.8 mg/l	✖
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Sulfur	864.6 mg/l	781.6 mg/l	+83.01 mg/l	✓
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Calcium	305.8 mg/l	357.7 mg/l	-51.86 mg/l	↓
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Potassium	355.2 mg/l	346.6 mg/l	+8.58 mg/l	✓
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Bromine	10.36 mg/l	56.92 mg/l	-46.56 mg/l	↓
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Strontium	9.12 mg/l	6.80 mg/l	+2.32 mg/l	✖
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Boron	3.60 mg/l	3.74 mg/l	-0.14 mg/l	✓
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Fluorine	1.27 mg/l	1.10 mg/l	+0.17 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
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Lithium	228.9 µg/l	144.4 µg/l	+84.48 µg/l	✓
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Silicon	255.8 µg/l	84.95 µg/l	+170.8 µg/l	✖
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Iodine	6.83 µg/l	55.22 µg/l	-48.39 µg/l	↓
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Barium	34.43 µg/l	8.50 µg/l	+25.93 µg/l	✓
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Molybdenum	2.19 µg/l	10.19 µg/l	-8.00 µg/l	↓
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Nickel	n.u	0.42 µg/l		✓
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Manganese	n.u	0.85 µg/l		
Arsenic	n.u	1.27 µg/l		
Beryllium	n.u	0.08 µg/l		
Chrome	n.u	0.42 µg/l		
Cobalt	n.u	0.08 µg/l		
Iron	n.u	0.42 µg/l		
Copper	1.27 µg/l	0.42 µg/l	+0.85 µg/l	
Selenium	n.u	0.42 µg/l		
Silver	n.u	0.08 µg/l		
Vanadium	0.95 µg/l	1.27 µg/l	-0.32 µg/l	
Zinc	20.90 µg/l	1.70 µg/l	+19.20 µg/l	
Tin	5.06 µg/l	0.42 µg/l	+4.64 µg/l	

Nutrients	Value	Ideal value	Difference	Status
Nitrate	3.44 mg/l	2.00 mg/l	+1.44 mg/l	
Phosphorus	26.77 µg/l	12.74 µg/l	+14.03 µg/l	
Phosphate	0.08 mg/l	0.04 mg/l	+0.04 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	23.73 µg/l	0.08 µg/l	+23.65 µg/l	
Antimony	n.u	0.08 µg/l		
Bismuth	n.u	0.08 µg/l		
Lead	n.u	0.08 µg/l		
Cadmium	n.u	0.17 µg/l		



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Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.08 µg/l	✓
Titanium	n.u	0.08 µg/l	✓
Tungsten	n.u	n.u µg/l	✓
Mercury	n.u	n.u µg/l	✓



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Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Brom	Recommended Dosage		38,70	ml	5
Calcium	Important	Dosage	18,00	ml	3
Molybdän	Recommended Dosage		4,20	ml	2
Mangan	Recommended Dosage		0,90	ml	1
Iod	Important	Dosage	0,30	ml	3

Additional action:

We recommend a KH of 7 - 9 °dKH